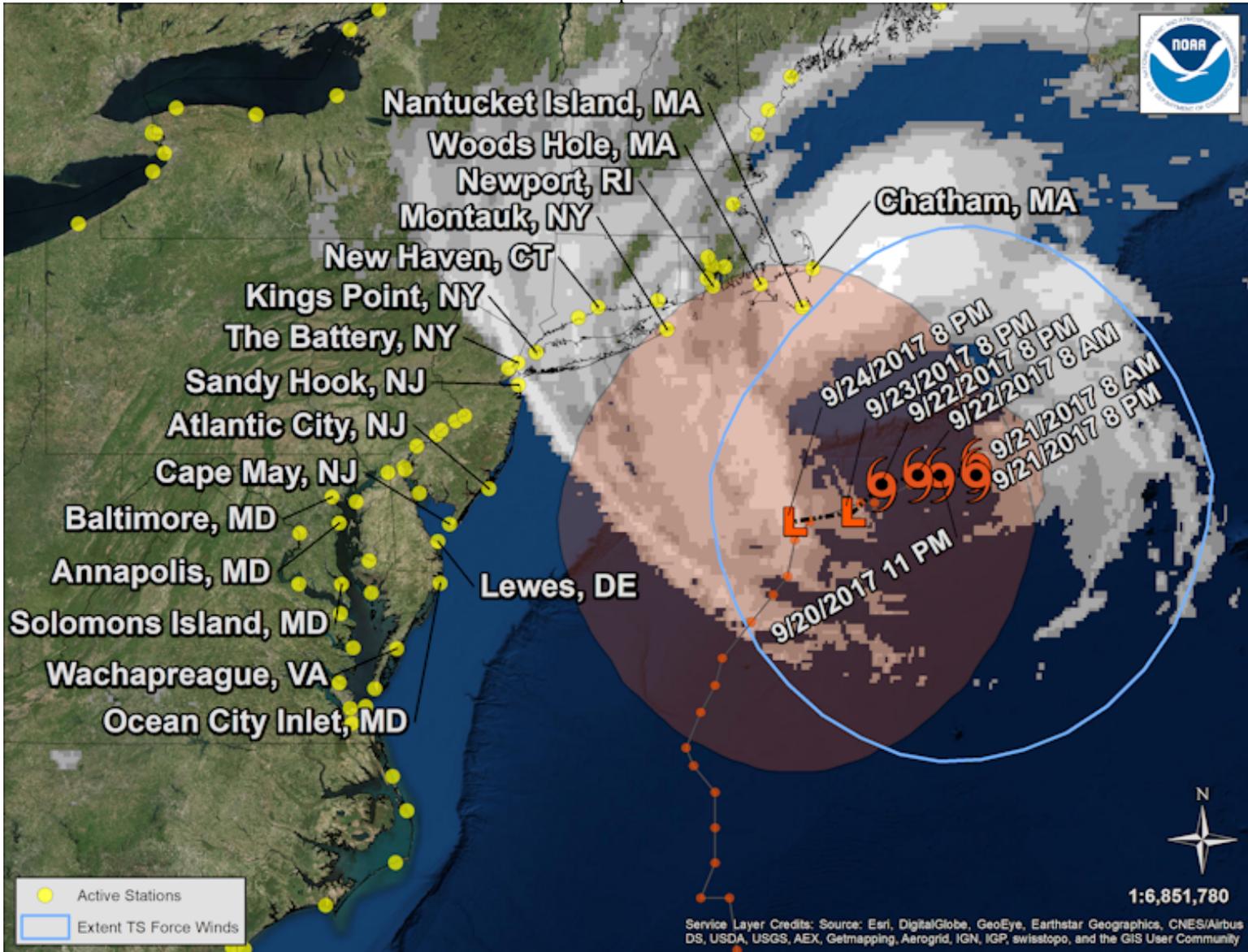




Tropical Storm JOSE QuickLook
Posted: 00:00 AST 09/21/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/21/2017 00:00 AST, water levels from the mid-Atlantic to southern New England, including Chesapeake Bay remain elevated due to Tropical Storm Jose and range between 0.5 and 1.5 feet above normal tide levels.

Winds are strongest at Nantucket Island, MA with speeds of about 25 kts and gusts of 35 to 40 kts. Winds from Sandy Hook, NJ to Newport, RI have decreased and are now measuring at 15 kts or less. South of Sandy Hook,

winds are light and variable. Barometric pressure has bottomed out or is rising across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please see Coastal Inundation Dashboard.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Tropical Storm Jose Advisory Number 63
NWS National Hurricane Center Miami FL AL122017
1100 PM AST Wed Sep 20 2017

...TROPICAL STORM CONDITIONS EXPECTED TO OCCUR IN PORTIONS OF SOUTHERN NEW ENGLAND TONIGHT AND THURSDAY...
...DANGEROUS SURF AND RIP CURRENTS EXPECTED TO CONTINUE FOR SEVERAL MORE DAYS ALONG MUCH OF THE EAST COAST OF THE UNITED STATES...

SUMMARY OF 1100 PM AST...0300 UTC...INFORMATION

LOCATION...39.5N 68.2W
ABOUT 150 MI...245 KM SE OF NANTUCKET MASSACHUSETTS
MAXIMUM SUSTAINED WINDS...60 MPH...95 KM/H
PRESENT MOVEMENT...ENE OR 60 DEGREES AT 6 MPH...9 KM/H
MINIMUM CENTRAL PRESSURE...982 MB...29.00 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

None.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

- A Tropical Storm Warning is in effect for...
- * Woods Hole to Sagamore Beach, including Cape Cod
 - * Block Island
 - * Martha's Vineyard
 - * Nantucket

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 1100 PM AST (0300 UTC), the center of Tropical Storm Jose was located near latitude 39.5 North, longitude 68.2 West. Jose is moving toward the east-northeast near 6 mph (9 km/h), and this general motion with a decrease in forward speed is expected through Thursday. A slow westward motion should begin Thursday night. On the forecast track, the center of Jose is expected to meander off the coast of southern New England during the next few days.

Maximum sustained winds have decreased to near 60 mph (95 km/h) with higher gusts. Additional gradual weakening is forecast during the next couple of days.

Tropical-storm-force winds extend outward up to 230 miles (370 km) from the center.

The estimated minimum central pressure is 982 mb (29.00 inches).

HAZARDS AFFECTING LAND

WIND: Tropical storm conditions are expected to occur in the warning area tonight and Thursday.

SURF: Swells generated by Jose are affecting Bermuda and much of the U.S. east coast and will likely cause dangerous surf and rip current conditions during the next several days. For more information, please consult products from your local weather office.

RAINFALL: Jose is expected to produce the following additional rainfall accumulations through Friday:

Martha's Vineyard and Cape Cod...additional 1 to 2 inches. Nantucket...additional 2 to 4 inches.

NEXT ADVISORY

Next intermediate advisory at 200 AM AST.

Next complete advisory at 500 AM AST.

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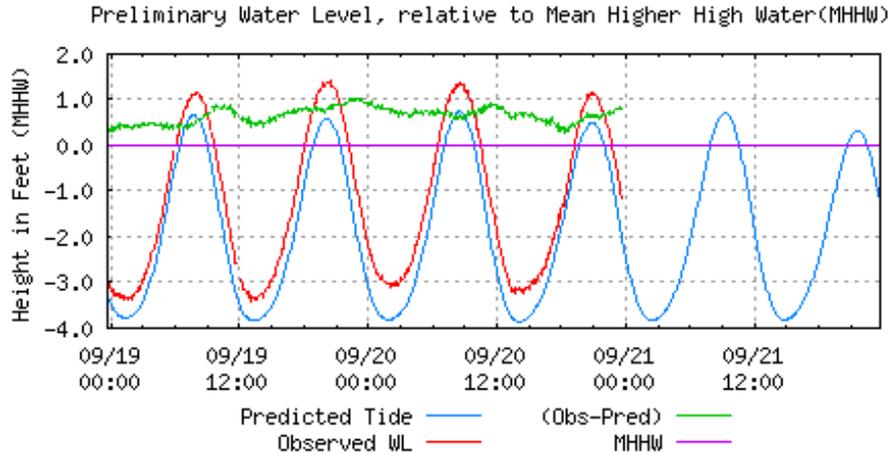
Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Newport - Water Level](#), [Newport - Winds](#), [Newport - Barometric](#), [Nantucket Island - Water Level](#), [Nantucket Island - Winds](#), [Nantucket Island - Barometric](#), [Woods Hole - Water Level](#), [Chatham - Water Level](#), [New Haven - Water Level](#), [New Haven - Winds](#), [Montauk - Water Level](#), [Montauk - Barometric](#), [Kings Point - Water Level](#), [Kings Point - Winds](#), [The Battery - Water Level](#), [Sandy Hook - Water Level](#), [Sandy Hook - Winds](#), [Sandy Hook - Barometric](#), [Atlantic City - Water Level](#), [Cape May - Water Level](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Wachapreague - Water Level](#), [Wachapreague - Winds](#),

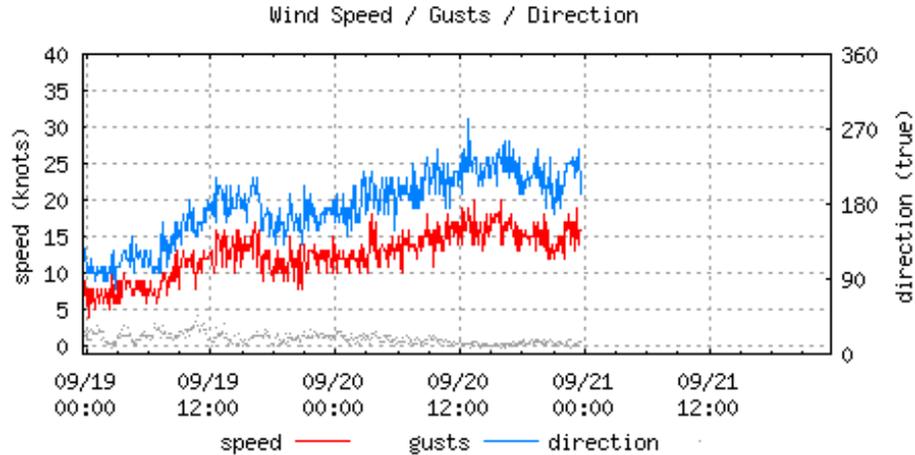
Baltimore - Water Level, Annapolis - Water Level, Solomons Island - Water Level, Solomons Island - Winds

NOAA/NOS/CO-OPS 8452660 Newport, RI



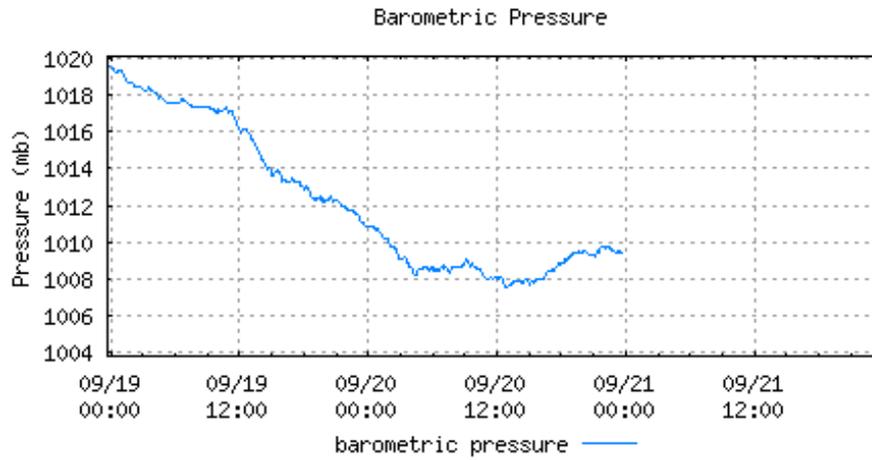
Last Observed Sample: 09/20/2017 23:36 (EDT). Data relative to MHHW
Observed: -1.16 ft. Predicted: -1.94 ft. Residual: 0.78 ft.
Historical Maximum Water Level: Sep 21 1938, 9.46 ft.
Next High Tide: 09/21/2017 09:15 (EDT), 0.71 ft.

NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/20/2017 23:36 (EDT)
Wind Speed: 16 knots Gusts: 21 knots Direction: 14° T

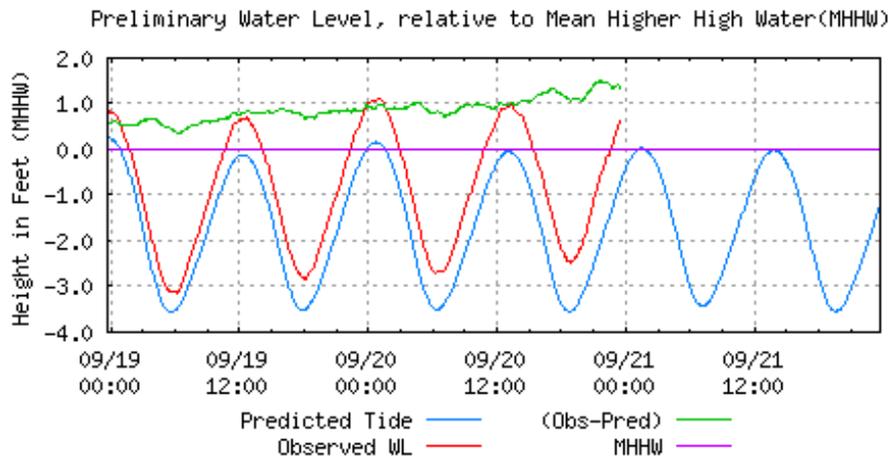
NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/20/2017 23:36 (EDT)

Barometric Pressure: 1009.4 mb

NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



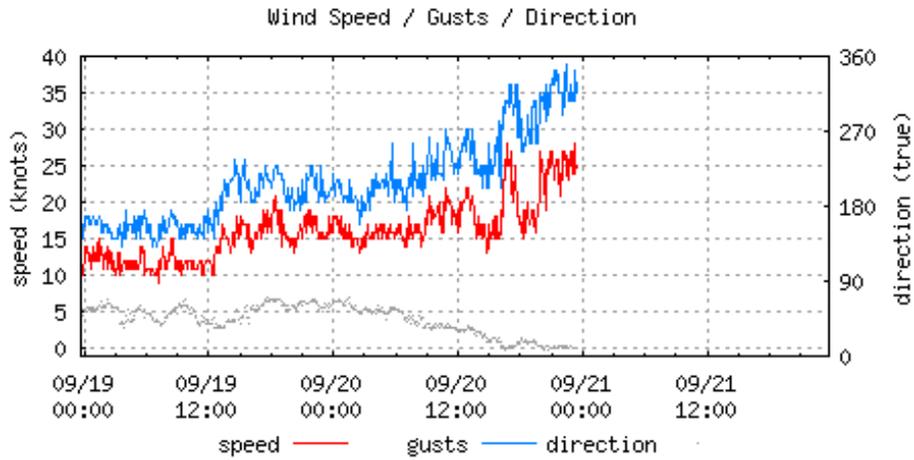
Last Observed Sample: 09/20/2017 23:30 (EDT). Data relative to MHHW

Observed: 0.63 ft. Predicted: -0.72 ft. Residual: 1.35 ft.

Historical Maximum Water Level: Oct 30 1991, 4.29 ft.

Next High Tide: 09/21/2017 01:30 (EDT), 0.03 ft.

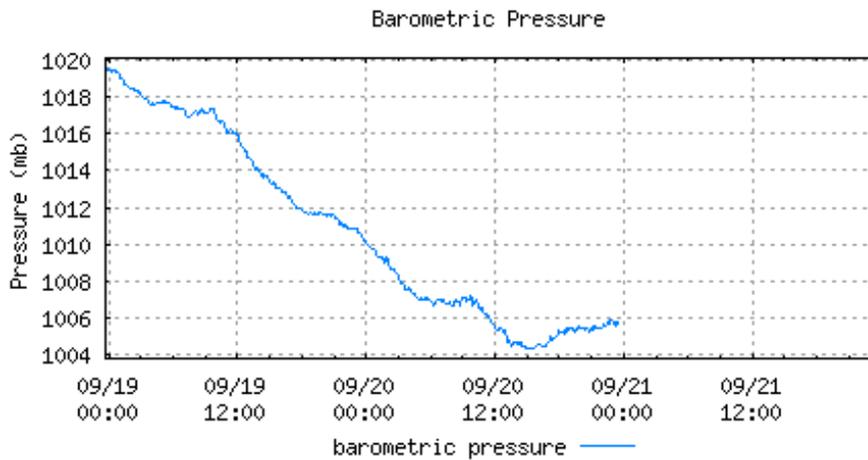
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/20/2017 23:30 (EDT)

Wind Speed: 25 knots Gusts: 35 knots Direction: 9° T

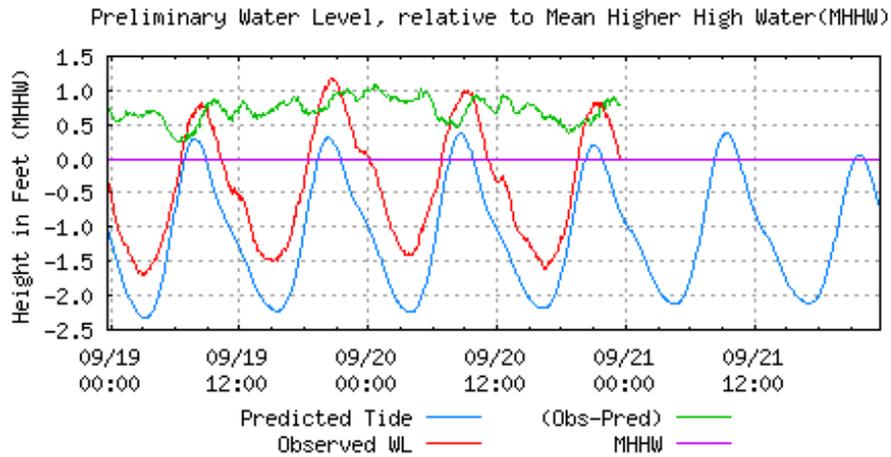
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/20/2017 23:30 (EDT)

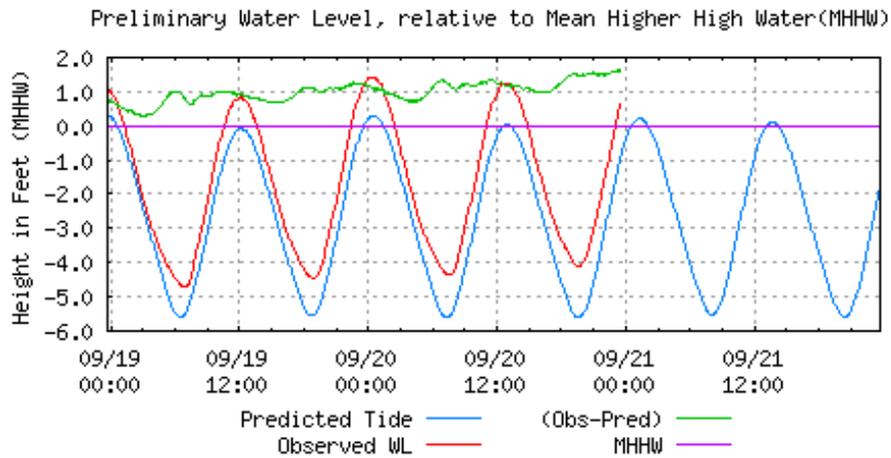
Barometric Pressure: 1005.7 mb

NOAA/NOS/CO-OPS 8447930 Woods Hole, MA



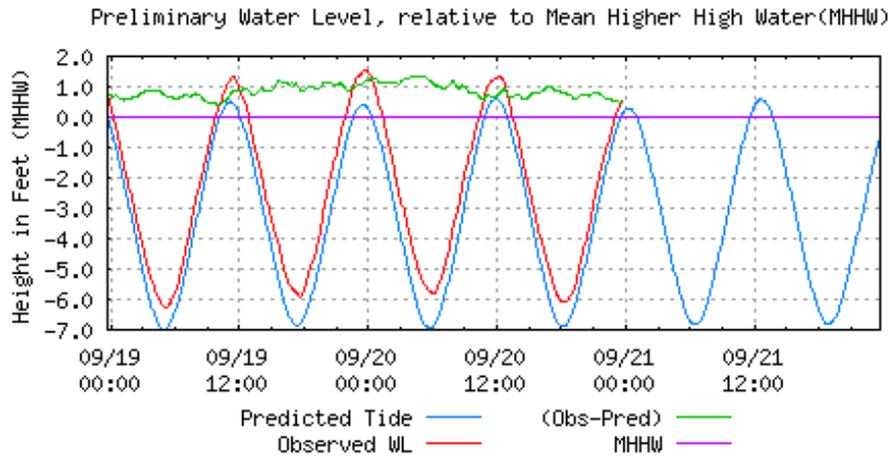
Last Observed Sample: 09/20/2017 23:30 (EDT). Data relative to MHHW
Observed: 0.01 ft. Predicted: -0.79 ft. Residual: 0.80 ft.
 Historical Maximum Water Level: Sep 21 1938, 8.58 ft.
 Next High Tide: 09/21/2017 09:23 (EDT), 0.39 ft.

NOAA/NOS/CO-OPS 8447435 Chatham, MA



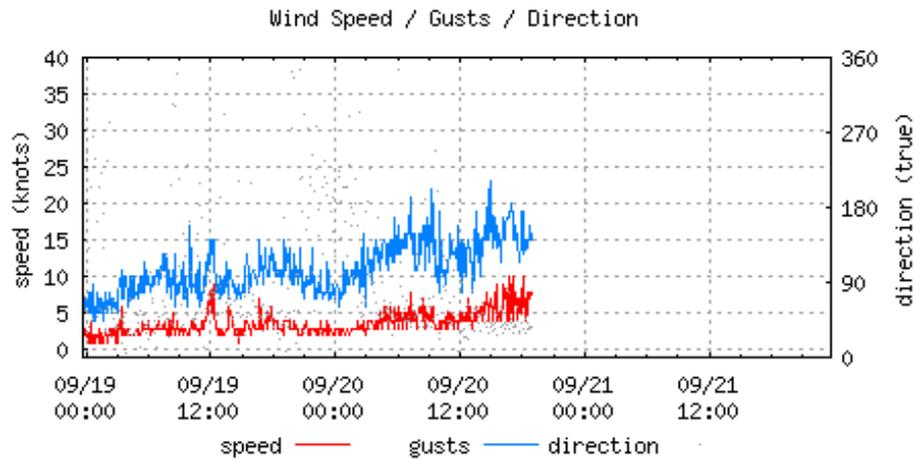
Last Observed Sample: 09/20/2017 23:30 (EDT). Data relative to MHHW
Observed: 0.66 ft. Predicted: -0.96 ft. Residual: 1.62 ft.
 Historical Maximum Water Level: Jan 3 2014, 4.26 ft.
 Next High Tide: 09/21/2017 01:16 (EDT), 0.22 ft.

NOAA/NOS/CO-OPS 8465705 New Haven, CT



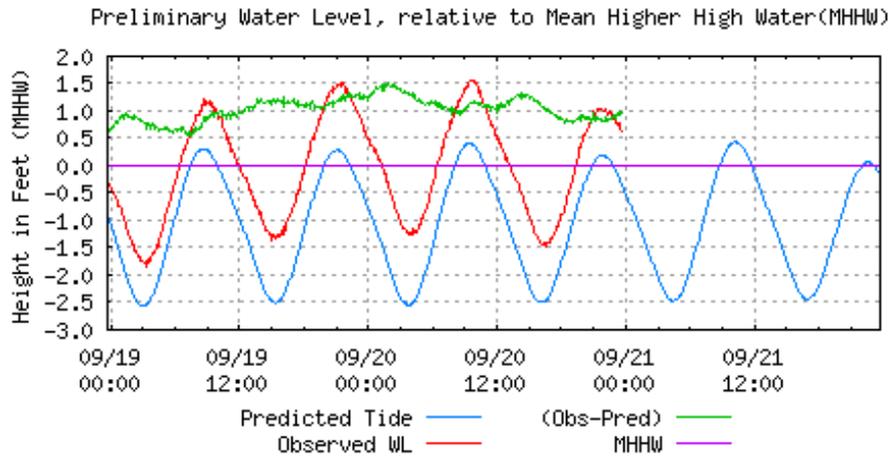
Last Observed Sample: 09/20/2017 23:36 (EDT). Data relative to MHHW
Observed: 0.53 ft. Predicted: 0.04 ft. Residual: 0.49 ft.
 Historical Maximum Water Level: Oct 30 2012, 5.52 ft.
 Next High Tide: 09/21/2017 00:15 (EDT), 0.27 ft.

NOAA/NOS/CO-OPS 8465705 New Haven, CT



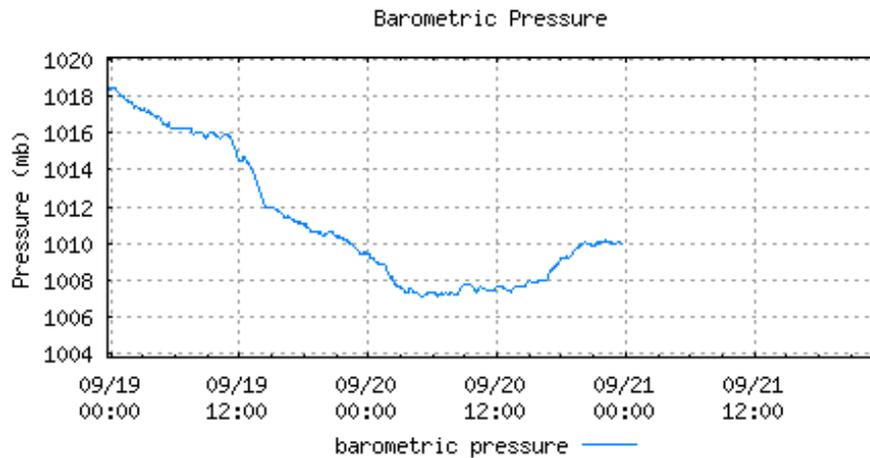
Last Observed Sample: 09/20/2017 23:36 (EDT)
Wind Speed: 8 knots Gusts: 15 knots Direction: 36° T

NOAA/NOS/CO-OPS 8510560 Montauk, NY



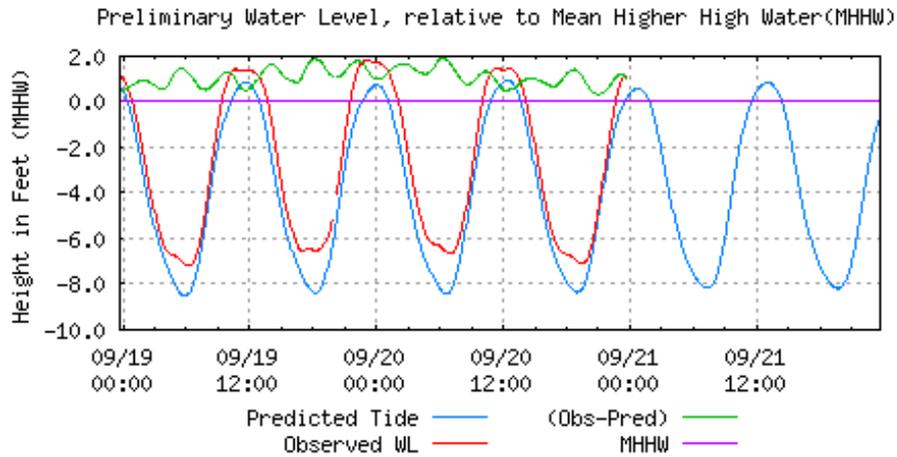
Last Observed Sample: 09/20/2017 23:36 (EDT). Data relative to MHHW
Observed: 0.63 ft. Predicted: -0.33 ft. Residual: 0.96 ft.
 Historical Maximum Water Level: Aug 31 1954, 5.91 ft.
 Next High Tide: 09/21/2017 10:11 (EDT), 0.43 ft.

NOAA/NOS/CO-OPS 8510560 Montauk, NY



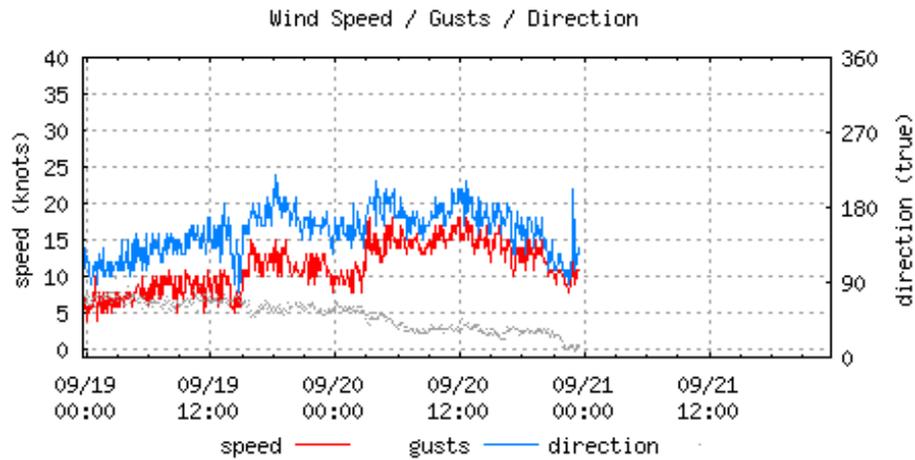
Last Observed Sample: 09/20/2017 23:36 (EDT)
Barometric Pressure: 1010.0 mb

NOAA/NOS/CO-OPS 8516945 Kings Point, NY



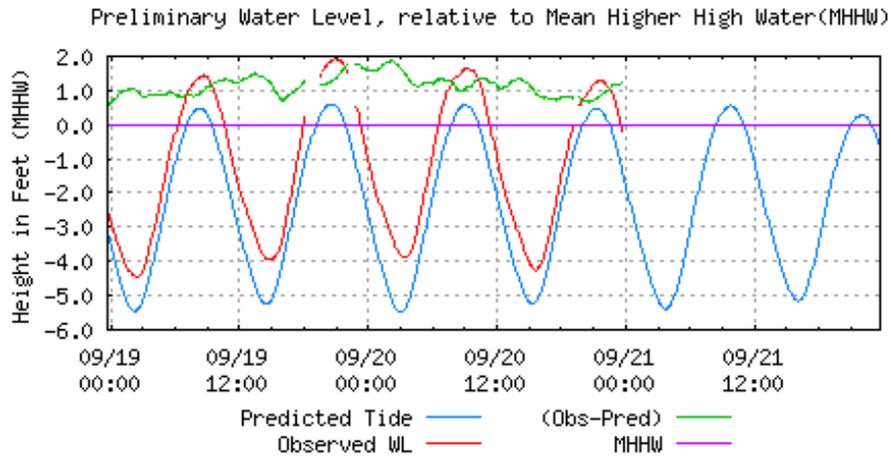
Last Observed Sample: 09/20/2017 23:36 (EDT). Data relative to MHHW
Observed: 1.14 ft. Predicted: 0.09 ft. Residual: 1.05 ft.
 Historical Maximum Water Level: Oct 30 2012, 6.44 ft.
 Next High Tide: 09/21/2017 00:46 (EDT), 0.57 ft.

NOAA/NOS/CO-OPS 8516945 Kings Point, NY



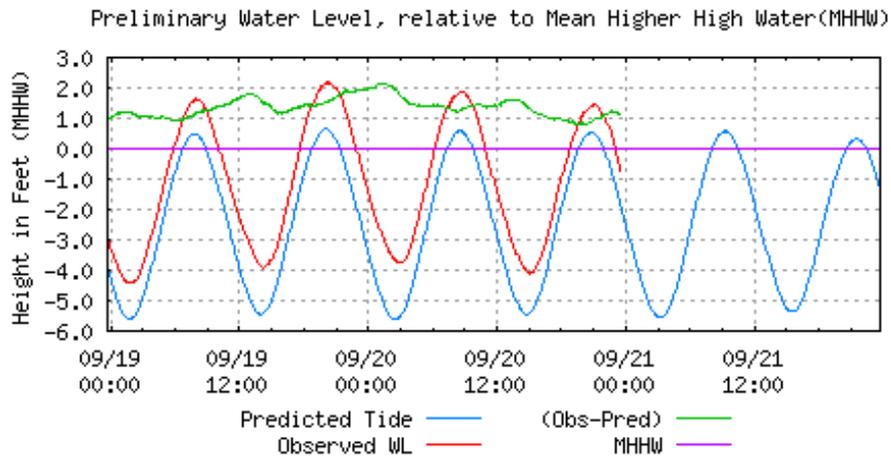
Last Observed Sample: 09/20/2017 23:36 (EDT)
Wind Speed: 11 knots Gusts: 14 knots Direction: 11° T

NOAA/NOS/CO-OPS 8518750 The Battery, NY



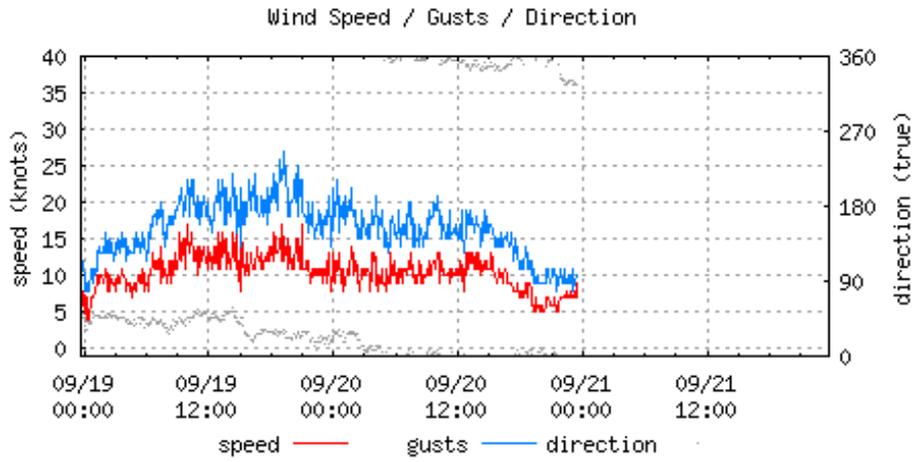
Last Observed Sample: 09/20/2017 23:42 (EDT). Data relative to MHHW
Observed: -0.20 ft. Predicted: -1.41 ft. Residual: 1.21 ft.
 Historical Maximum Water Level: Oct 30 2012, 8.99 ft.
 Next High Tide: 09/21/2017 09:45 (EDT), 0.56 ft.

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/20/2017 23:30 (EDT). Data relative to MHHW
Observed: -0.72 ft. Predicted: -1.87 ft. Residual: 1.15 ft.
 Historical Maximum Water Level: Sep 12 1960, 4.86 ft.
 Next High Tide: 09/21/2017 09:16 (EDT), 0.57 ft.

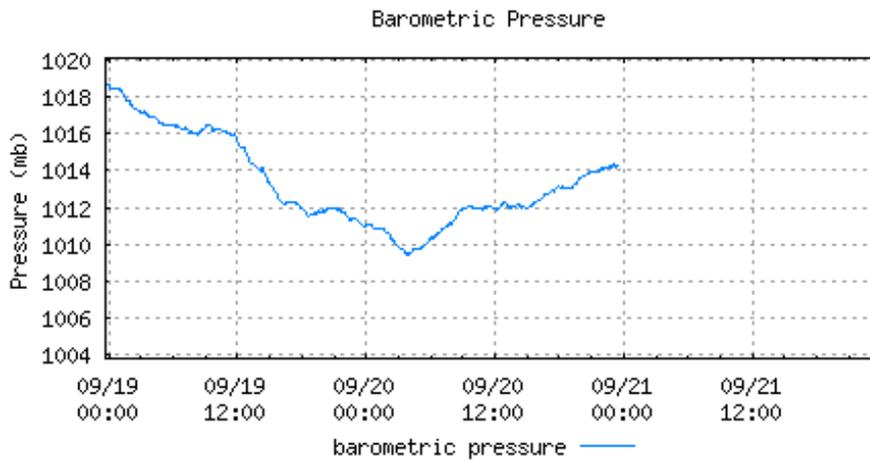
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/20/2017 23:30 (EDT)

Wind Speed: 7 knots Gusts: 10 knots Direction: 326° T

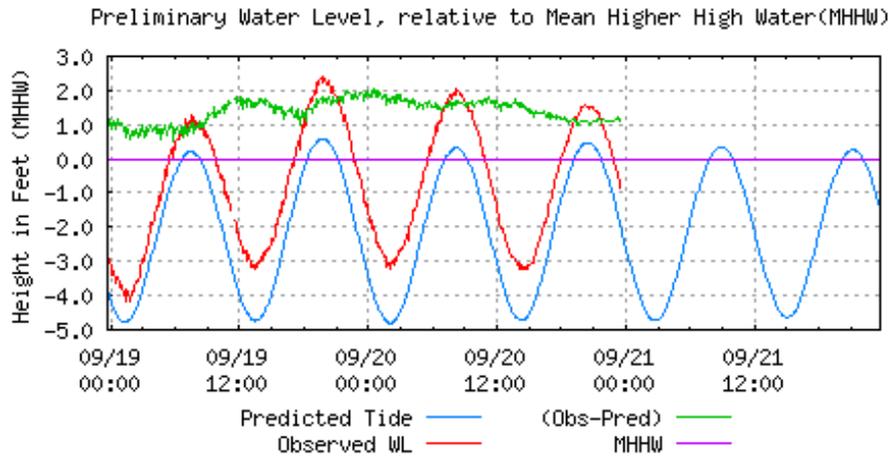
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/20/2017 23:30 (EDT)

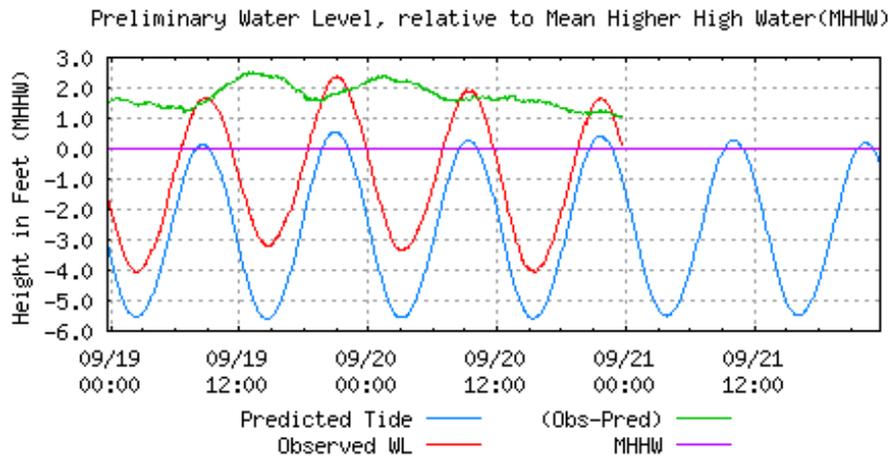
Barometric Pressure: 1014.3 mb

NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ



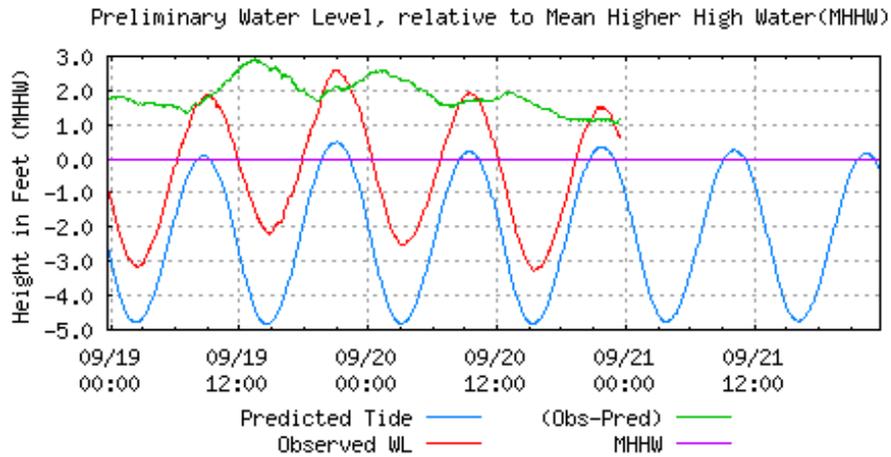
Last Observed Sample: 09/20/2017 23:36 (EDT). Data relative to MHHW
Observed: -0.95 ft. Predicted: -2.10 ft. Residual: 1.15 ft.
 Historical Maximum Water Level: Dec 11 1992, 4.38 ft.
 Next High Tide: 09/21/2017 08:54 (EDT), 0.35 ft.

NOAA/NOS/CO-OPS 8536110 Cape May, NJ



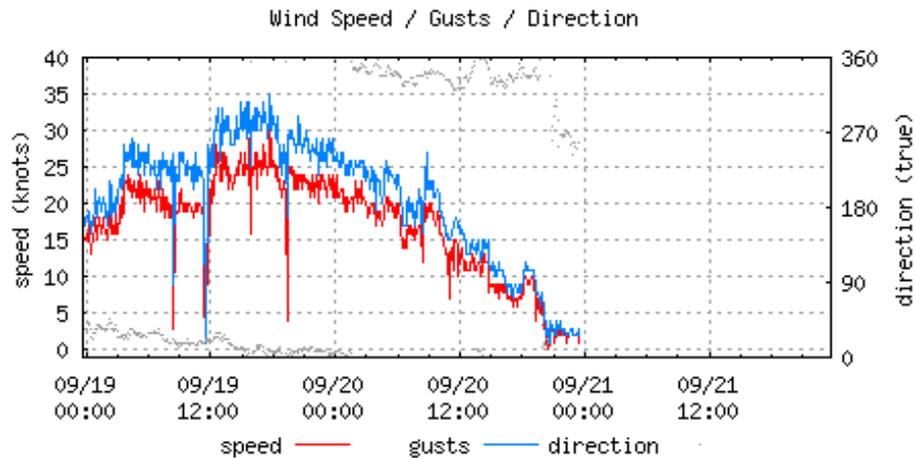
Last Observed Sample: 09/20/2017 23:36 (EDT). Data relative to MHHW
Observed: 0.12 ft. Predicted: -0.95 ft. Residual: 1.07 ft.
 Historical Maximum Water Level: Jan 23 2016, 3.53 ft.
 Next High Tide: 09/21/2017 10:01 (EDT), 0.29 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/20/2017 23:30 (EDT). Data relative to MHHW
Observed: 0.61 ft. Predicted: -0.55 ft. Residual: 1.16 ft.
 Historical Maximum Water Level: Jan 23 2016, 4.60 ft.
 Next High Tide: 09/21/2017 10:06 (EDT), 0.25 ft.

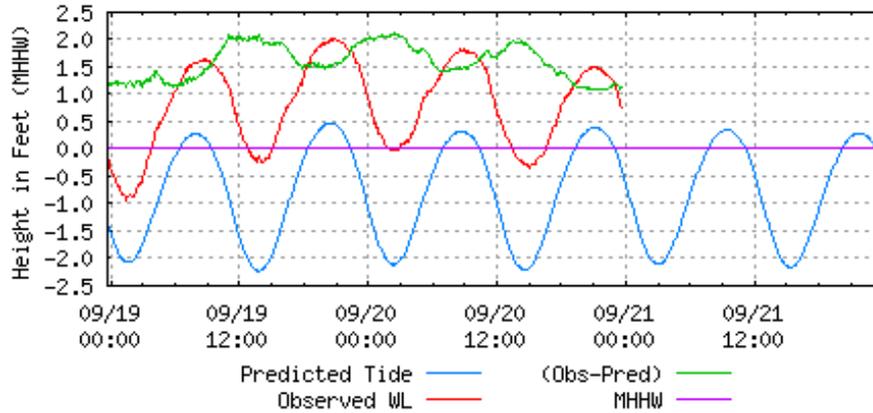
NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/20/2017 23:30 (EDT)
Wind Speed: 1 knots Gusts: 2 knots Direction: 257° T

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

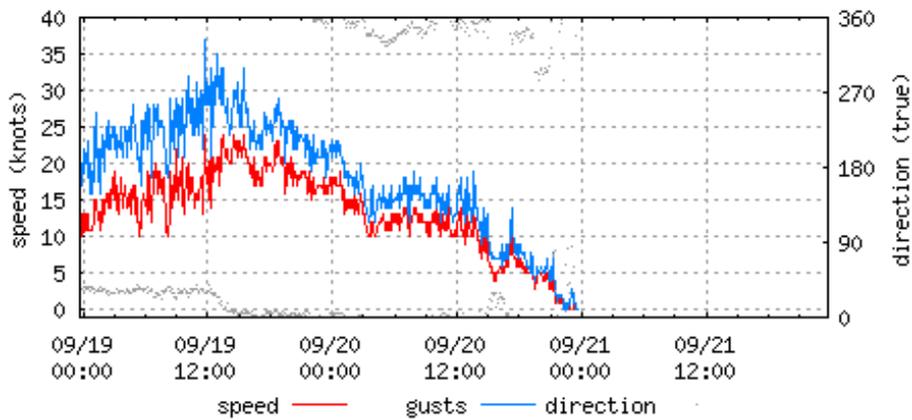
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/20/2017 23:36 (EDT). Data relative to MHHW
Observed: 0.77 ft. Predicted: -0.36 ft. Residual: 1.13 ft.
 Historical Maximum Water Level: Feb 5 1998, 3.61 ft.
 Next High Tide: 09/21/2017 09:24 (EDT), 0.35 ft.

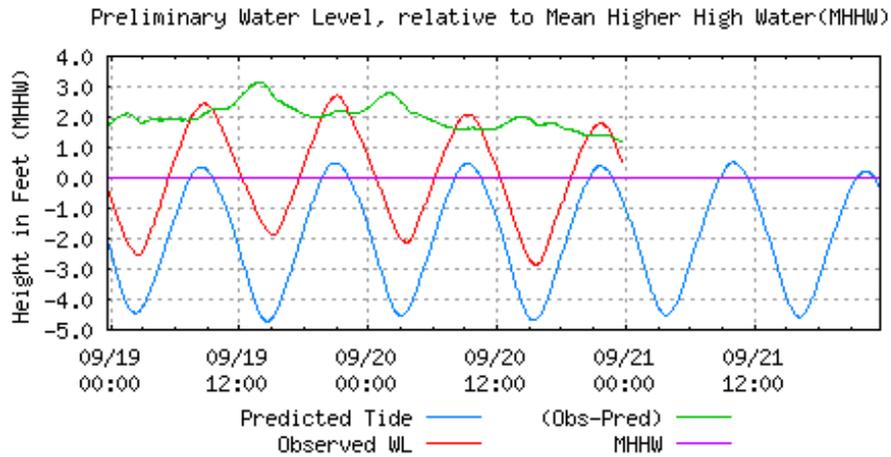
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Wind Speed / Gusts / Direction



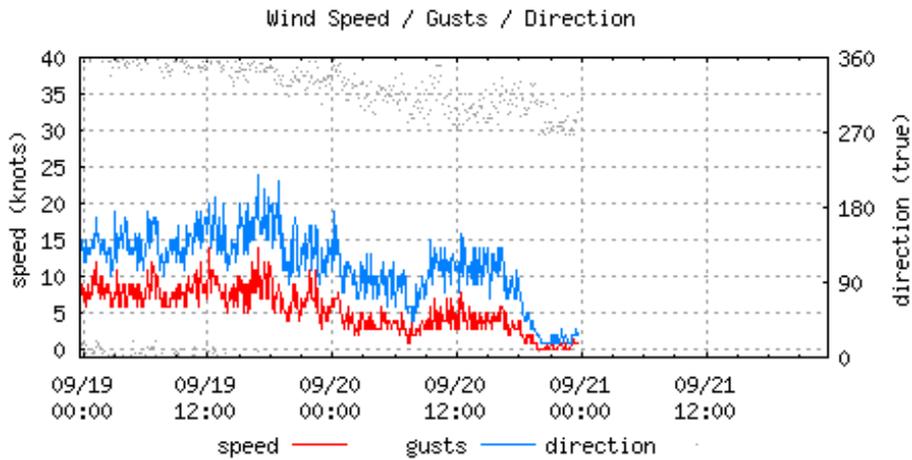
Last Observed Sample: 09/20/2017 23:36 (EDT)
Wind Speed: 0 knots Gusts: 0 knots Direction: 317° T

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



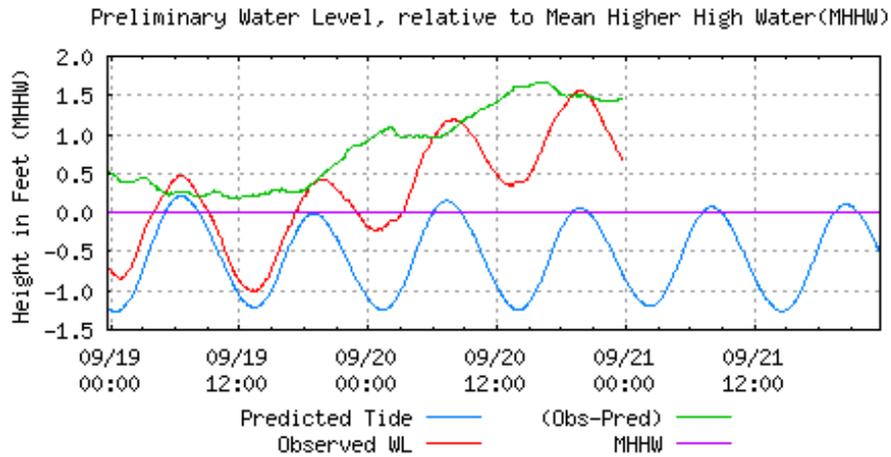
Last Observed Sample: 09/20/2017 23:36 (EDT). Data relative to MHHW
Observed: 0.56 ft. Predicted: -0.66 ft. Residual: 1.22 ft.
 Historical Maximum Water Level: Feb 5 1998, 4.41 ft.
 Next High Tide: 09/21/2017 10:01 (EDT), 0.51 ft.

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



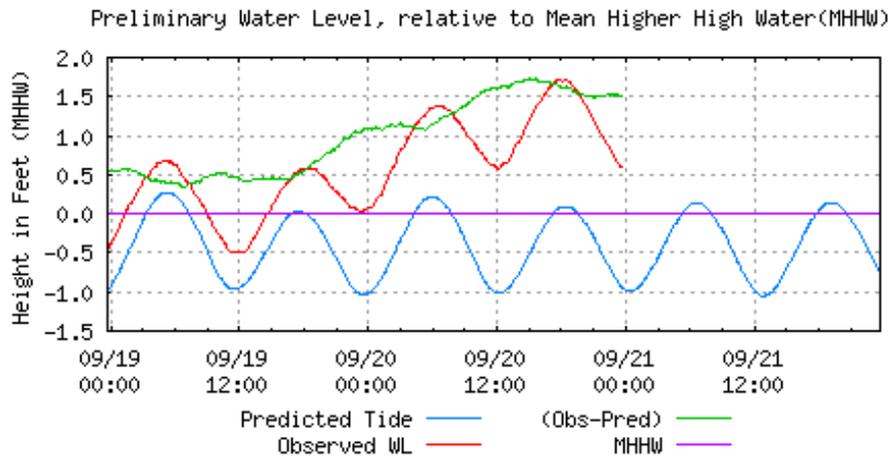
Last Observed Sample: 09/20/2017 23:36 (EDT)
Wind Speed: 1 knots Gusts: 2 knots Direction: 295° T

NOAA/NOS/CO-OPS 8574680 Baltimore, MD



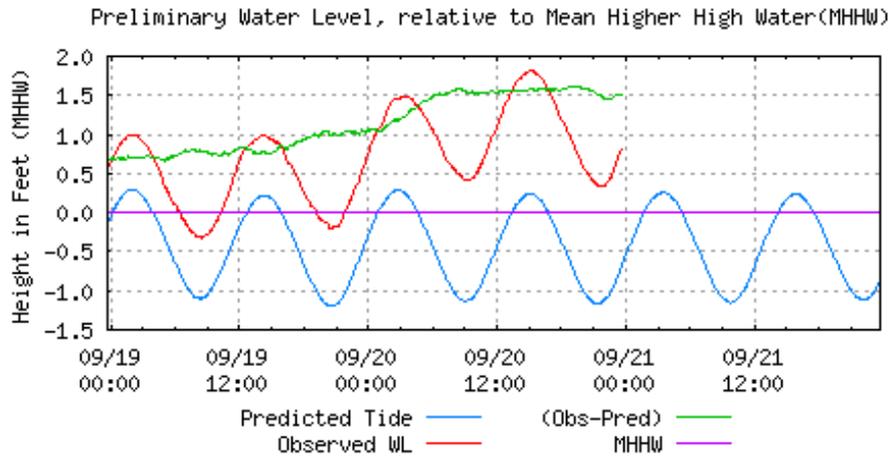
Last Observed Sample: 09/20/2017 23:36 (EDT). Data relative to MHHW
Observed: 0.69 ft. Predicted: -0.76 ft. Residual: 1.45 ft.
 Historical Maximum Water Level: Sep 19 2003, 6.49 ft.
 Next High Tide: 09/21/2017 08:00 (EDT), 0.07 ft.

NOAA/NOS/CO-OPS 8575512 Annapolis, MD



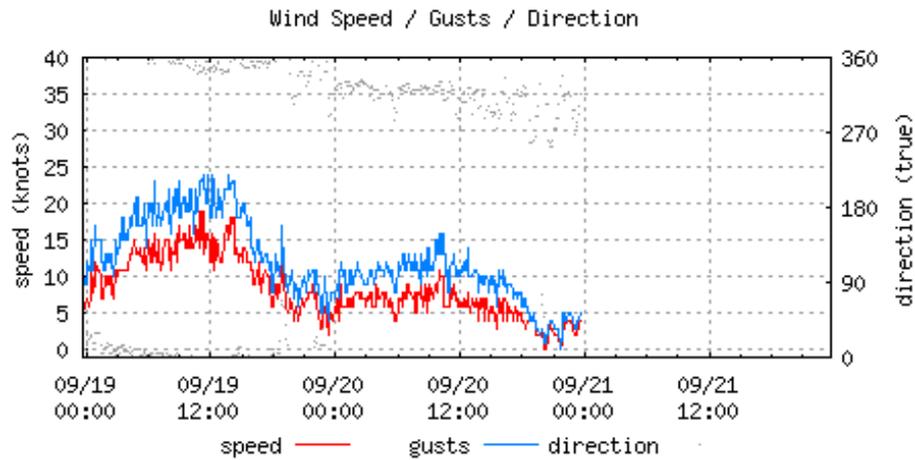
Last Observed Sample: 09/20/2017 23:36 (EDT). Data relative to MHHW
Observed: 0.59 ft. Predicted: -0.93 ft. Residual: 1.52 ft.
 Historical Maximum Water Level: Sep 19 2003, 5.73 ft.
 Next High Tide: 09/21/2017 06:36 (EDT), 0.14 ft.

NOAA/NOS/CO-OPS 8577330 Solomons Island, MD



Last Observed Sample: 09/20/2017 23:36 (EDT). Data relative to MHHW
Observed: 0.82 ft. Predicted: -0.69 ft. Residual: 1.51 ft.
 Historical Maximum Water Level: Sep 1 2006, 2.93 ft.
 Next High Tide: 09/21/2017 03:29 (EDT), 0.26 ft.

NOAA/NOS/CO-OPS 8577330 Solomons Island, MD



Last Observed Sample: 09/20/2017 23:36 (EDT)
Wind Speed: 4 knots Gusts: 5 knots Direction: 316° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8452660	Newport, RI	09/20/2017 23:36 (EDT)	-1.16 ft	-1.94 ft	0.78 ft	1.40 ft
8449130	Nantucket Island, MA	09/20/2017 23:30 (EDT)	0.63 ft	-0.72 ft	1.35 ft	1.11 ft
8447930	Woods Hole, MA	09/20/2017 23:30 (EDT)	0.01 ft	-0.79 ft	0.80 ft	1.00 ft
8447435	Chatham, MA	n/a	n/a	n/a	n/a	n/a
8465705	New Haven, CT	09/20/2017 23:36 (EDT)	0.53 ft	0.04 ft	0.49 ft	1.54 ft
8510560	Montauk, NY	09/20/2017 23:36 (EDT)	0.63 ft	-0.33 ft	0.96 ft	1.56 ft
8516945	Kings Point, NY	09/20/2017 23:36 (EDT)	1.14 ft	0.09 ft	1.05 ft	1.77 ft
8518750	The Battery, NY	09/20/2017 23:42 (EDT)	-0.20 ft	-1.41 ft	1.21 ft	1.66 ft
8531680	Sandy Hook, NJ	09/20/2017 23:30 (EDT)	-0.72 ft	-1.87 ft	1.15 ft	1.86 ft
8534720	Atlantic City, NJ	09/20/2017 23:36 (EDT)	-0.95 ft	-2.10 ft	1.15 ft	2.04 ft
8536110	Cape May, NJ	09/20/2017 23:36 (EDT)	0.12 ft	-0.95 ft	1.07 ft	1.90 ft
8557380	Lewes, DE	09/20/2017 23:30 (EDT)	0.61 ft	-0.55 ft	1.16 ft	1.91 ft
8570283	Ocean City Inlet, MD	09/20/2017 23:36 (EDT)	0.77 ft	-0.36 ft	1.13 ft	1.82 ft
8631044	Wachapreague, VA	09/20/2017 23:36 (EDT)	0.56 ft	-0.66 ft	1.22 ft	2.10 ft
8574680	Baltimore, MD	09/20/2017 23:36 (EDT)	0.69 ft	-0.76 ft	1.45 ft	1.55 ft
8575512	Annapolis, MD	09/20/2017 23:36 (EDT)	0.59 ft	-0.93 ft	1.52 ft	1.72 ft
8577330	Solomons Island, MD	09/20/2017 23:36 (EDT)	0.82 ft	-0.69 ft	1.51 ft	1.82 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
 National Oceanic and Atmospheric Administration | U.S. Department of Commerce